A. CLAS	SIFICATION OF SUBJECT MATTER
TPC 7	SIFICATION OF SUBJECT MATTER A61K39/12
110 /	MOTIVOS/ IE

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

		<u>, </u>		
. DOCUM	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of	the relevant passages	Relevant to claim No.	
Х	WO 01/17551 A (SMITHKLINE BEE ;WETTENDORFF MARTINE ANNE CEC	CHAM BIOLOG IL (BE))	1-21	
Υ	15 March 2001 (2001-03-15) abstract page 8, paragraph 7 page 9, paragraphs 4,5 example 1	_/	1-21	
X Fur	ther documents are listed in the continuation of box C.	Y Patent family members are lis	ted in annex.	
Special categories of cited documents: A document defining the general state of the art which is not considered to be of particular relevance E earlier document but published on or after the International filing date L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O document referring to an oral disclosure, use, exhibition or other means. P document published prior to the international filing date but later than the priority date claimed		"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family		
	e actual completion of the international search 3 May 2004	Date of mailing of the internationa 02/06/2004	l search report	
	↓			

Interional Application No
PCT/EP 03/14562

		PC1/EP 03/14562
C.(Continua Category *	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Category	Cualion of document, with indication, where appropriate, of the relevant passages	Perevalit to claim 140.
X	BALSLEY JF ET AL: "Progress in the development of human papillomavirus vaccines for HPV-11 and HPV-16/18 and mapping of a critical neutralizing epitope." 18TH INTERNATIONAL PAPILLOMAVIRUS CONFERENCE 2000, 'Online! 2000, XP002278802 Retrieved from the Internet: <url:http: idabstract.asp?id="366" www.hpv2000.com=""> 'retrieved on 2004-05-03!</url:http:>	1-7, 11-16, 19-21
Υ	the whole document	1-21
X	HPV Clinical Workshop & 20th International Papillomavirus Conference 2002, October 4-9, Paris, Institut Pasteur. Villa-L et al., A dose-ranging safety and immunogenicity study of a quadrivalent HPV (type 6/11/16/18) L1 VLP vaccine in women. XP002281268	1-7, 11-16, 19-21
Y	abstract	1-21
Y .	BASS E: "Progress in the Search of a vaccine against human papilloma virus" IAVI REPORT OCTOBER/NOVEMBER 2002, 'Online! 10 October 2002 (2002-10-10), XP002281262 Retrieved from the Internet: <url:www.aegis.com 2002="" iavi="" iavi2002-1003.html="" pubs=""> 'retrieved on 2004-04-21! abstract</url:www.aegis.com>	1-21
X	Brown-DR et al., A dose-ranging study of the safety and immunogenicity profiles of a quadrivalent HPV (types 6, 11, 16, and 18) L1 VLP candidate vaccine in younghealthy women. ABstr 0-51 19th International Papillomavirus Conference, Sept-2001, Florianopolis, Brazil XP002278803	1-7, 11-16, 19-21
Υ	abstract	1-21
X 	WO 01/97840 A (MEDIMMUNE INC) 27 December 2001 (2001-12-27) page 12, paragraph 3 page 13, last paragraph -page 14, paragraph 2 page 15, paragraph 4	1-7, 10-16
	claims 1,2	

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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 251 678 B1 (MACH HENRYK ET AL) 26 June 2001 (2001-06-26) abstract claims 1-14	1-7, 11-16, 19-21
Y	DE 43 32 596 A (SAPP MARTIN JOSEF DR;STREECK ROLF E DR (DE)) 30 March 1995 (1995-03-30) abstract table 1 claims 1-9	1-21
Y	COMBITA ALBA-LUCIA ET AL: "Identification of two cross-neutralizing linear epitopes within the L1 major capsid protein of human papillomaviruses." JOURNAL OF VIROLOGY. UNITED STATES JUL 2002, vol. 76, no. 13, July 2002 (2002-07), pages 6480-6486, XPO02278799 ISSN: 0022-538X abstract page 6485, left-hand column, paragraphs 2,3 page 6484, right-hand column, paragraph 4	1-21
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Α	STELLER MICHAEL A: "Cervical cancer vaccines: progress and prospects." JOURNAL OF THE SOCIETY FOR GYNECOLOGIC INVESTIGATION. UNITED STATES 2002 SEP-OCT, vol. 9, no. 5, September 2002 (2002-09), pages 254-264, XP002278800 ISSN: 1071-5576 the whole document	1-21
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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with Indication, where appropriate, of the relevant processes.		
Category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
A	BACHTIARY BARBARA ET AL: "Impact of multiple HPV infection on response to treatment and survival in patients receiving radical radiotherapy for cervical cancer." INTERNATIONAL JOURNAL OF CANCER. JOURNAL INTERNATIONAL DU CANCER. UNITED STATES 20 NOV 2002, vol. 102, no. 3, 20 November 2002 (2002-11-20), pages 237-243, XP002278801 ISSN: 0020-7136 abstract page 237, left-hand column, paragraphs 1,3-right-hand column, paragraph 1 page 242, left-hand column, paragraph 2		1-21

memational application No. PCT/EP 03/14562

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons: 1. X Claims Nos.:	Box I Observations where certain claims were found unsearchable	e (Continuation of item 1 of first sheet)
because they relate to subject matter not required to be searched by this Authority, namely: Although claims 11–19 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition. 2.	This International Search Report has not been established in respect of certain of	alms under Article 17(2)(a) for the following reasons:
human/animal body, the search has been carried out and based on the alleged effects of the compound/composition. Claims Nos.:		s Authority, namely:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: 3.	human/animal body, the search has been car	
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a). Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet) This international Searching Authority found multiple inventions in this international application, as follows: 1. As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable claims. 2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee. 3. As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.: 4. No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: The additional search fees were accompanied by the applicant's protest.	because they relate to parts of the International Application that do not d	
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a). Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet) This international Searching Authority found multiple inventions in this international application, as follows: 1. As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable claims. 2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee. 3. As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.: 4. No required additional search fees were timely paid by the applicant. Consequently, this international Search Report le restricted to the invention first mentioned in the claims; it is covered by claims Nos.: The additional search fees were accompanied by the applicant's protest.		
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1. As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable claims. 2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee. 3. As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.: 4. No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: Remark on Protest	Box II Observations where unity of invention is lacking (Continua	tion of item 2 of first sheet)
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee. 3. As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.: 4. No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: Remark on Protest The additional search fees were accompanied by the applicant's protest.	This International Searching Authority found multiple inventions in this Internation	nal application, as follows:
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No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: Remark on Protest		additional fee, this Authority did not invite payment
No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: Remark on Protest		
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restricted to the invention first mentioned in the claims; it is covered by claims Nos.: Remark on Protest		
	4. No required additional search fees were timely paid by the applicant. C restricted to the invention first mentioned in the claims; it is covered by	onsequently, this International Search Report is claims Nos.:
No protest accompanied the payment of additional search fees.	Remark on Protest The additional sea	rch fees were accompanied by the applicant's protest.
	No protest accomp	panied the payment of additional search fees.

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